

WHAT IS CLAIMED IS:

5 1. Aporous resin film which is obtained from a compound prepared by kneading a composition comprising 30 to 100% by weight of a thermoplastic resin comprising a hydrophilic thermoplastic resin and 0 to 70% by weight of at least one of an inorganic fine powder and an organic fine powder in an intermeshing twin-screw extruder at a screw shear rate of 300 sec⁻¹ or higher and which has a liquid absorbing capacity of 0.5 ml/m² or more as measured in accordance with the method specified in Japan TAPPI Standard No. 51-87.

15 2. The porous resin film according to claim 1, which has an average contact angle of 110° or less with water.

3. The porous resin film according to claim 2, wherein the difference between the maximum and the minimum contact angles with water is 30° or less.

20 4. The porous resin film according to claim 1, which has a porosity of 10% or more.

25 5. The porous resin film according to claim 4, which has 1×10^6 or more pores per m² on the surface thereof.

6. The porous resin film according to claim 1, wherein said inorganic or organic powder has an average particle size of 0.01 to 20 μm .

5 7. The porous resin film according to claim 1, wherein said thermoplastic resin comprises 5 to 100 parts by weight of the hydrophilic thermoplastic resin per 100 parts by weight of a non-hydrophilic thermoplastic resin.

10 8. The porous resin film according to claim 7, wherein said non-hydrophilic thermoplastic resin is a polyolefin resin.

9. The porous resin film according to claim 7, wherein said hydrophilic thermoplastic resin is capable of dissolving
15 in water or absorbing 5 g/g or more of water in 30 minutes.

10. The porous resin film according to claim 9, wherein said hydrophilic thermoplastic resin is an alkylene oxide polymer.

20 11. The porous resin film according to claim 10, wherein said alkylene oxide polymer is a reaction product of an alkylene oxide compound and a dicarboxylic acid compound.

25 12. The porous resin film according to claim 1, which

is a stretched ~~film~~ film.

13. A laminate comprising a base layer having on at least one side thereof the porous resin film set forth in claim 1.

14. A liquid absorber comprising the porous resin film set forth in claim 1.

15. A liquid absorber comprising the laminate set forth in claim 13.

16. A recording medium comprising the porous resin film set forth in claim 1.

17. A recording medium comprising the laminate set forth in claim 13.

18. An ink jet recording medium comprising the porous resin film set forth in claim 1.

19. An ink jet recording medium comprising the laminate set forth in claim 13.

20. An ink jet recording medium comprising the porous

resin film set forth in claim 1 and a colorant fixing layer provided on at least one side of said porous resin film.

21. An ink jet recording medium comprising the laminate
5 set forth in claim 13 and a colorant fixing layer provided on the porous resin film provided on one side of said base layer or on both the porous resin films provided on both sides of said base layer.